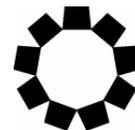


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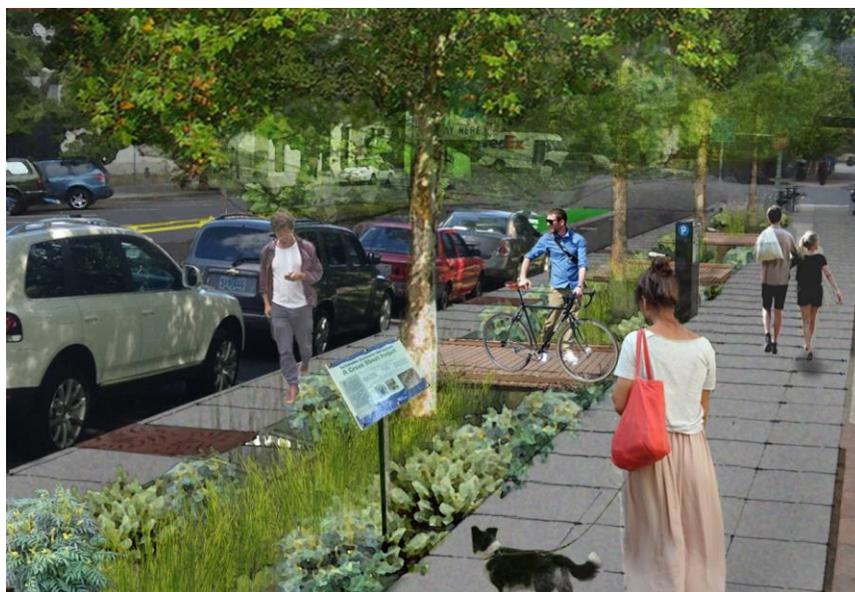


ABAG

Date: January 8, 2015
To: ABAG Executive Board
From: Judy Kelly
Director, San Francisco Estuary Partnership
Subject: **San Pablo Avenue Green Stormwater Spine**

Executive Summary

Joshua Bradt, Project Manager for the San Francisco Estuary Partnership, will present an overview and status report on the San Pablo Avenue Green Stormwater Spine project. The “Spine” project will design and implement Green Infrastructure facilities (typically rain gardens) at seven sites in seven cities along a heavily used East Bay transportation corridor. The project will retrofit portions of existing sidewalks, planter strips, and parking lanes to accommodate various configurations of rain gardens to collect polluted urban runoff, treat it, then release it to municipal storm drain systems. The partnering cities of Oakland, Emeryville, Berkeley, Albany, El Cerrito, Richmond and San Pablo selected the project sites and have participated in all design review stages. The final designs are expected by the end of January with construction slated to begin in the late spring.



Rendering of Oakland Rain Garden

San Pablo Avenue Green Stormwater Spine

January 8, 2015

2

The San Francisco Estuary Partnership secured the full \$5 million in funding required to complete the project through a variety of state and federal funds. Cities were not required to provide matching funds but have provided advice and input throughout the stages of the project. The project will help demonstrate, to local agency staff and the general public, the feasibility and benefits of several different types of landscape-based stormwater treatment in the public right-of-way. Water quality monitoring results from previously installed green infrastructure facilities show significant reductions in heavy metal, toxic chemical, and sediment contaminants entering the storm drains after treatment. Adjacent residents and businesses benefit from the beautified streetscape and associated traffic calming. Additionally, widely dispersed use of green infrastructure throughout a watershed can also reduce localized flooding.

Projects like this one from around the region will be highlighted in more depth at the upcoming General Assembly this April.

Recommended Action

Information